

Список публикаций (без препринтов)

П.В. Осиненко

19 августа 2025 г.

Метрика	Значение
Всего публикаций в списке	20
Публикаций первым автором	14
Суммарное цитирование (Google Scholar)	346
h-индекс (Google Scholar)	10

1. P.V. Osinenko, M. Geissler, T. Herlitzius. A method of optimal traction control for farm tractors with feedback of drive torque. Biosystems engineering, 129, 20-33, 2015. (78 цитирований)
2. P. Osinenko, S. Streif. Optimal traction control for heavy-duty vehicles. Control Engineering Practice, 69, 99-111, 2017. (33 цитирования)
3. P. Osinenko, D. Dobriborsci, W. Aumer. Reinforcement learning with guarantees: a review. IFAC-PapersOnLine, 55 (15), 123-128, 2022. (29 цитирований)
4. P. Osinenko, K. Biegert, R.J. McCormick, T. Göhrt, G. Devadze, J. Streif, et al. Application of non-destructive sensors and big data analysis to predict physiological storage disorders and fruit firmness in 'Braeburn' apples. Computers and Electronics in Agriculture, 183, 106015, 2021. (29 цитирований)
5. S. Ibrahim, M. Mostafa, A. Jnadi, H. Salloum, P. Osinenko. Comprehensive overview of reward engineering and shaping in advancing reinforcement learning applications. IEEE Access, 2024. (27 цитирований)
6. T. Bögel, P. Osinenko, T. Herlitzius. Assessment of soil roughness after tillage using spectral analysis. Soil and Tillage Research, 159, 73-82, 2016. (18 цитирований)
7. P. Osinenko, L. Beckenbach, T. Göhrt, S. Streif. A reinforcement learning method with closed-loop stability guarantee. IFAC-PapersOnLine, 53 (2), 8043-8048, 2020. (16 цитирований)
8. L. Beckenbach, P. Osinenko, S. Streif. A Q-learning predictive control scheme with guaranteed stability. European Journal of Control, 56, 167-178, 2020. (15 цитирований)
9. L. Beckenbach, P. Osinenko, T. Göhrt, S. Streif. Constrained and stabilizing stacked adaptive dynamic programming and a comparison with model predictive control. 2018 European control conference (ECC), 1349-1354, 2018. (15 цитирований)

10. P. Osinenko, L. Beckenbach, S. Streif. Practical sample-and-hold stabilization of nonlinear systems under approximate optimizers. *IEEE Control Systems Letters*, 2 (4), 569-574, 2018. (12 цитирований)
11. L. Beckenbach, P. Osinenko, S. Streif. Addressing infinite-horizon optimization in MPC via Q-learning. *IFAC-PapersOnLine*, 51 (20), 60-65, 2018. (12 цитирований)
12. P. Schmidt, P. Osinenko, S. Streif. On inf-convolution-based robust practical stabilization under computational uncertainty. *IEEE Transactions on Automatic Control*, 66 (11), 5530-5537, 2021. (10 цитирований)
13. P. Osinenko, T. Göhrt, G. Devadze, S. Streif. Stacked adaptive dynamic programming with unknown system model. *IFAC-PapersOnLine*, 50 (1), 4150-4155, 2017. (10 цитирований)
14. P. Osinenko, G. Devadze, S. Streif. Constructive analysis of control system stability. *IFAC-PapersOnLine*, 50 (1), 7467-7474, 2017. (10 цитирований)
15. A. Morozov, M. Pugach, A. Polyakov, P. Osinenko, A. Bolychev, V. Terzija, et al. Optimal flow factor determination in vanadium redox flow battery control. *IEEE Access*, 12, 19277-19284, 2024. (9 цитирований)
16. P. Osinenko, G. Yaremenko, G. Malaniya. On Stochastic Stabilization via Nonsmooth Control Lyapunov Functions. *IEEE Transactions on Automatic Control*, 68 (8), 4925-4931, 2022. (9 цитирований)
17. P. Osinenko. Optimal slip control for tractors with feedback of drive torque. 2015. (9 цитирований)
18. P. Osinenko, M. Geissler, T. Herlitzius. Adaptive unscented Kalman filter with a fuzzy supervisor for electrified drive train tractors. *Fuzzy Systems (FUZZ-IEEE)*, 2014 IEEE International Conference on, 322-331, 2014. (9 цитирований)
19. П. Осиненко. Совершенствование методики обработки данных полевых испытаний наземных транспортных средств. *Тракторы и сельхозмашины*, 7, 19-22, 2011. (9 цитирований)
20. P. Osinenko, D. Dobriborsci. Effects of sampling and prediction horizon in reinforcement learning. *IEEE Access*, 9, 127611-127618, 2021. (8 цитирований)